

우연히 발견된 기성 심첨부 좌심실류

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= Abstract =

Incidentally Found Asymptomatic Left Ventricular Apical Pseudoaneurysm

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A 72-year-old man presented with incidentally found palpable abdominal mass of unknown duration. On admission, he had blood pressure of 120/80mmHg and pulse of 70 beats per minute. He consumed a pack of cigarettes per day for 45 years. He denied any prior chest pain episodes. The serum lipid profiles were within normal range. Electrocardiogram revealed sinus rhythm without ST-T wave change. Digital subtraction angiography revealed aneurysmal dilatation of both common iliac arteries to the proximal part of the external iliac arteries. Transthoracic echocardiography revealed normal left ventricular wall motion except a pseudoaneurysm at the apex (Fig. 1). Color Doppler (Fig. 2) and intravenous contrast echocardiography (Fig. 3) showed free blood flow communication through the neck of the pseudoaneurysm. Coronary angiography revealed no significant luminal narrowing of coronary arteries. Left ventriculogram showed an aneurysm at the apex (Fig. 4). During the period of 8 months follow-up, the patient did not have any event or complain any symptom.

KEY WORDS : LV Pseudoaneurysm · Apex.

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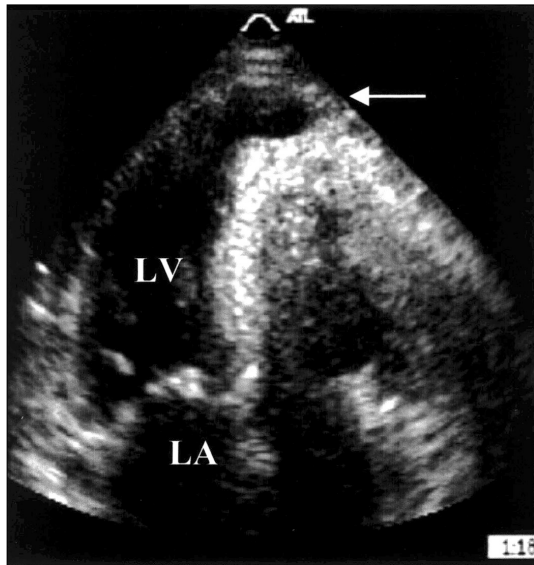


Fig. 1. Apical four-chamber view of fundamental two-dimensional echocardiography shows a left ventricular apical pseudoaneurysm (arrow) with a narrow neck, which communicates with the left ventricular cavity (LV). LA : left atrium.

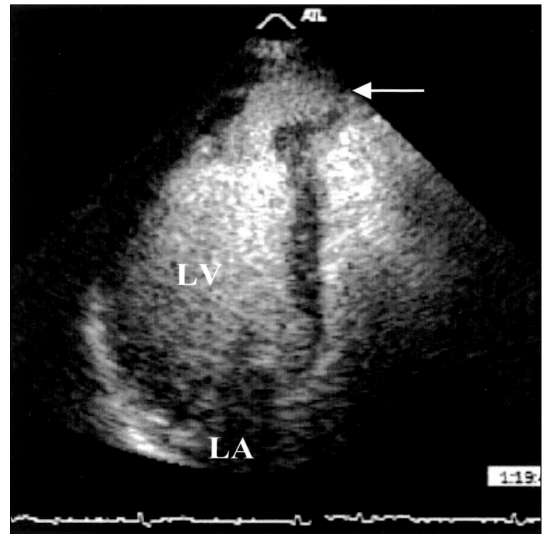


Fig. 3. Contrast echocardiography with perfluorocarbon-exposed sonicated dextrose albumin (PESDA) further well delineates the pseudoaneurysm (arrow) arising from the left ventricular apex with a narrow neck. LA : left atrium, LV : left ventricle.

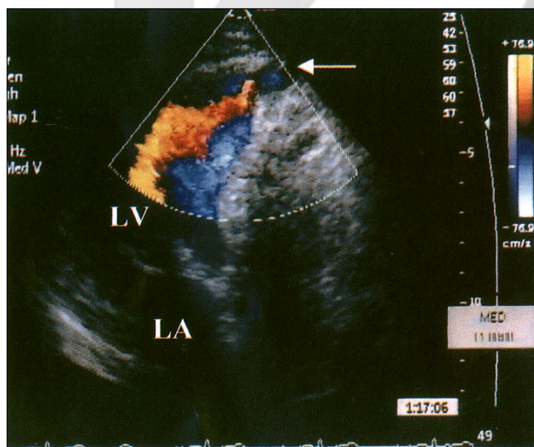


Fig. 2. Color Doppler echocardiography shows flow from the left ventricular cavity to the pseudoaneurysm (arrow). LA : left atrium, LV : left ventricle.

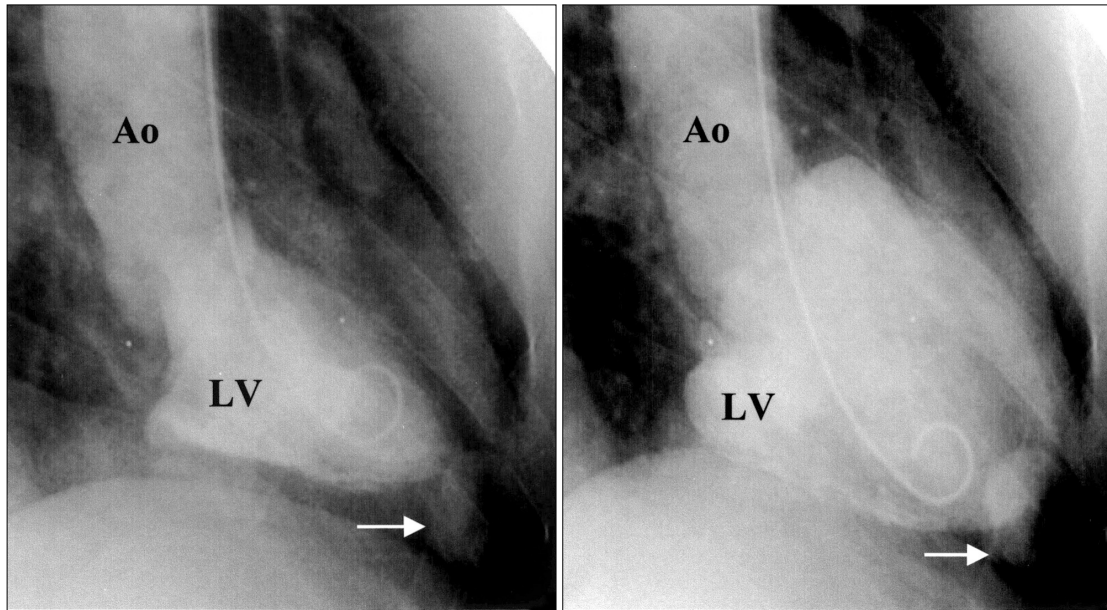


Fig. 4. Left ventriculogram in the right anterior oblique projection shows a round cavity(pseudoaneurysm ; arrow) arising from the left ventricular apex. The cavity communicates with the left ventricle through a narrow neck. Left ; systolic phase, Right ; diastolic phase. Ao : aorta, LV : Left ventricle.

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